

Claims

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1. A method of communicating between a first and a second node in a communications network, each of said nodes comprising a SIP client; said method comprising the steps of:-
 - 5 (i) associating computer software code with a SIP message;
 - (ii) sending the SIP message from the first SIP client associated with the first node to the second SIP client associated with the second node; and
 - (iii) executing the computer software using the second node.
 2. A method as claimed in claim 1 wherein said computer software code is added to the SIP message.
 - 10 3. A method as claimed in claim 1 wherein said step of associating computer software code with the SIP message comprises adding an address to the SIP message which indicates where the computer software is stored.
 4. A method as claimed in claim 3 wherein said address is a universal resource locator (URL).
 - 15 5. A method as claimed in claim 1 wherein said computer software code comprises Java byte code.
 6. A method as claimed in claim 1 wherein said computer software code comprises one or more Java applets.
 - 20 7. A method as claimed in claim 1 wherein said computer software code comprises one or more mobile automated software agents.
 8. A method as claimed in claim 1 wherein said mobile automated software agents are Java mobile agents.
 9. A method as claimed in claim 1 wherein said second node comprises a Java virtual machine.
 - 25 10. A method as claimed in claim 2 wherein the computer software codes is added to the body of the SIP message.

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23. A communications network node as claimed in claim 15 wherein said processor further comprises a detector arranged to detect an indicator in a received SIP message which indicates that computer software code is associated with that SIP message.

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- (i) a SIP client;

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- (iii) a processor arranged such that in use, when a SIP message is received, any computer software code associated with that SIP message is executed by the processor.

27. A method of setting up a conference call between two or more parties, each party comprising a SIP client and a host processor, said method comprising the steps of:

- (i) associating computer software code with a SIP message;
 (ii) sending the SIP message to each of the parties;
 (iii) executing the computer software code at each of the host processors.

28. A method as claimed in claim 27 wherein the computer software code is arranged to take into account capabilities of each host processor.

29. A method as claimed in claim 27 wherein said conference call is a multimedia conference call.

30. A system for automatically setting up a conference call between two or more parties, each party comprising a SIP client and a host processor, said system comprising:- a processor for associating computer software code with a SIP message and to send that SIP message to each of the parties; and wherein each of said host processors is arranged to execute the computer software code in use, when the SIP message is received.

31. A method of upgrading or replacing interconnected SIP clients each SIP client being associated with a host processor said method comprising the steps of:-

- (i) associating computer software code suitable for said upgrade or replacement with a SIP message;
 (ii) sending the SIP message to each of the SIP clients; and
 (iii) executing the computer software at each of the host processors.

32. A method of testing members of a group of SIP clients each SIP client being associated with a host processor said method comprising the steps of:-

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